

03142-P0060A WWW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	Robert Alan Hoult, <i>et al.</i>
Serial No. Pending	Filing Date: August 29, 2001
Title of Application	Small Detector Array For Infrared Imaging Microscope

Assistant Commissioner for Patents
Washington, DC 20231

Preliminary Amendment

Dear Sir:

Please enter this preliminary amendment before examination of this case.

In the Claims

3. (Amended) A microscope according to claim 1 [or claim 2], wherein the detector elements are arranged in a linear array.
5. (Amended) A microscope according to [any preceding] claim 1, wherein the detector elements are arranged in a plurality of rows.
7. (Amended) A microscope according to claim 5 [or claim 6], wherein the detector elements in each row are offset relative to those in a next adjacent row.
8. (Amended) A microscope according to [any preceding claims] claim 1, wherein the center of each element is located at a position corresponding to a point on a regular grid.
10. (Amended) A microscope according to claim 8 [or claim 9], wherein the spacing between the centers of elements in each row corresponds to a multiple of the spacing of the points on the grid.
11. (Amended) A microscope according to [any preceding] claim 1, wherein the offset in detector element position in adjacent rows corresponds to the spacing of the grid or a multiple of that spacing.
12. (Amended) A microscope according to [any one of claims 8 to 11] claim 8, wherein the dimensions of each detector element are substantially equal to the spacing of the points on the grid.
13. (Amended) A microscope according to [any preceding] claim 1, including, in addition to said detector array, a single detector element, said processing means being arranged to process output signals received from either said array or said single detector element.

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